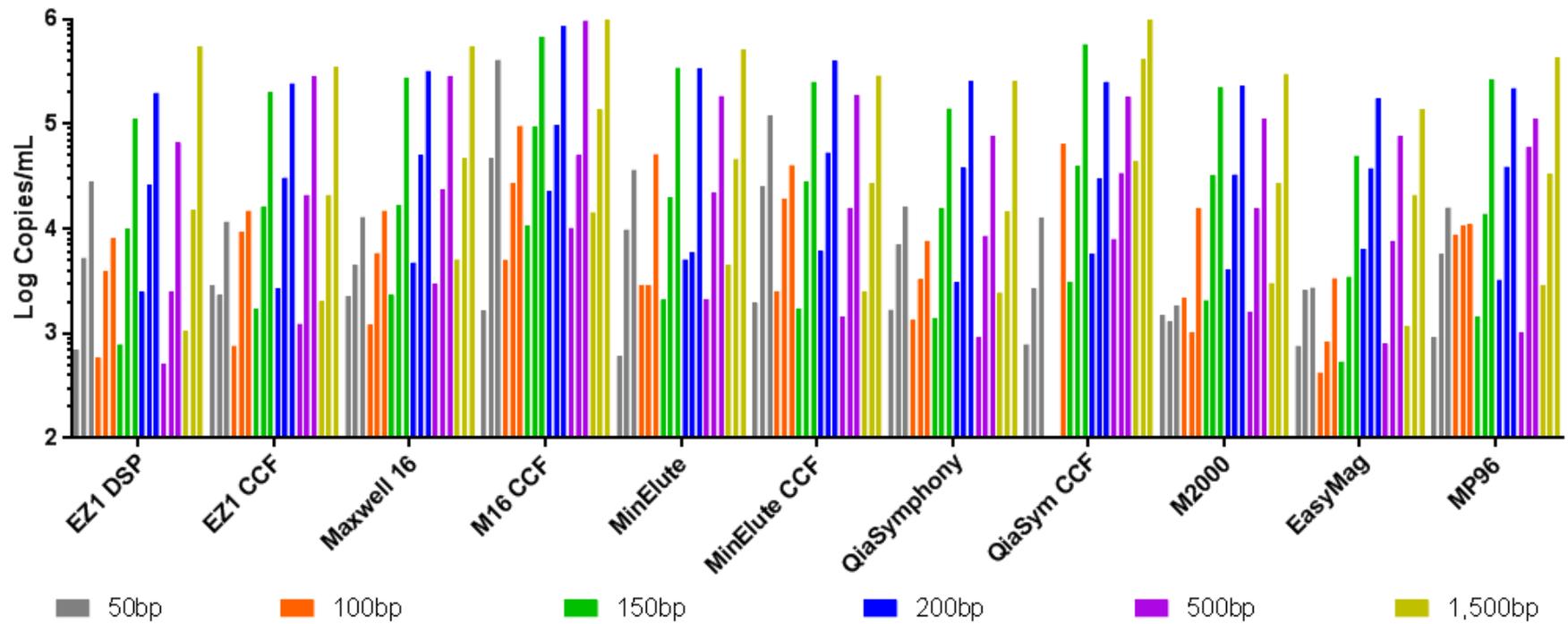


Table 1 – Percent CVs of 4 replicate extractions for all extraction combinations.*

Method	% CV of 4.0 Log ₁₀ C/mL						% CV of 5.0 Log ₁₀ C/mL						% CV of 6.0 Log ₁₀ c/mL					
	50	100	150	200	500	1,500	50	100	150	200	500	1,500	50	100	150	200	500	1,500
Unextracted	8.96	18.40	20.95	13.42	21.13	19.18	4.44	6.72	5.98	3.95	5.88	6.08	2.50	1.65	1.44	1.67	1.86	1.43
EasyMag	22.22	30.00	26.56	6.58	30.85	17.39	11.76	21.43	11.35	2.93	6.67	3.63	11.73	9.60	2.73	1.25	1.98	1.52
EZ1 DSP	11.68	12.07	10.90	6.12	14.71	7.60	3.85	5.13	4.02	1.95	19.39	2.53	2.09	3.14	1.02	0.77	1.19	0.75
MagnaPure 96	19.09	6.86	15.88	10.62	20.00	12.79	10.29	5.56	7.93	4.09	8.87	3.28	5.32	5.38	1.59	1.57	1.74	1.18
MinElute	44.44	17.65	15.32	10.00	15.08	8.65	6.03	11.76	4.62	2.56	4.23	2.92	3.02	2.63	1.07	1.24	1.46	0.99
M16	12.22	15.97	11.68	7.47	11.43	6.95	8.24	6.77	6.00	3.69	3.55	2.49	4.55	4.55	1.10	0.97	1.07	0.77
m2000sp	10.45	7.34	12.50	7.27	10.55	12.20	15.23	14.13	2.89	2.94	4.03	2.32	10.00	3.08	0.84	0.77	1.29	0.75
QiaSymphony	21.00	26.25	24.39	14.84	29.63	17.81	9.09	14.95	6.52	3.98	9.06	6.98	6.25	8.48	2.17	1.57	2.85	1.65
EZ1 CCF	7.95	16.00	11.54	8.40	14.75	15.00	9.61	4.30	3.73	2.49	2.67	3.38	3.91	4.11	1.07	0.88	0.79	0.86
MinElute CCF	6.03	6.67	6.86	3.87	6.98	6.00	2.53	2.71	1.61	1.37	3.10	1.87	1.13	1.38	0.60	0.71	0.90	0.64
M16 CCF	13.27	7.34	5.56	3.70	5.83	5.29	2.53	3.73	2.86	1.97	5.22	1.54	0.98	1.68	0.87	0.69	0.69	0.54
QiaSymphony CCF	16.03	100.0	8.03	6.14	6.33	2.30	8.87	Neg	2.91	3.36	2.40	0.85	4.40	1.56	1.05	0.82	1.12	0.50
Routine Average	20.16	16.59	16.75	8.99	18.89	11.91	9.21	11.39	6.19	3.16	7.97	3.45	6.14	5.27	1.50	1.16	1.65	1.09
CCF Average	10.82	10.00	8.00	5.53	8.47	7.15	5.89	3.58	2.78	2.30	3.35	1.91	2.61	2.18	0.90	0.78	0.88	0.64

*The highest (green highlights) and lowest (blue highlights) CVs are indicated for each combination of fragment size and concentration (each column). The single result in red highlight is an extremely low result on the ddPCR assay.

Supplemental Figure 1 – all extraction yield data is displayed in Mean Log₁₀ copies/mL. Bar graphs are displayed by instrument, with each set consisting of data from left to right the 4.0, 5.0, and 6.0 Log₁₀ Copies/mL concentrations of each sized fragment, from the lowest to the highest sized fragments in order.



Supplemental Figure 2. Supplemental Figure 2 – All extraction yield data presented as a percentage yield compared to the unextracted fragment solution yields. Each set of bars represent different instruments, with the order of data – estimated 4.0, 5.0, and 6.0 Log₁₀ copies/mL in order from left to right for each concentration from lowest sized to the highest sized fragment.

